

FIG. 1

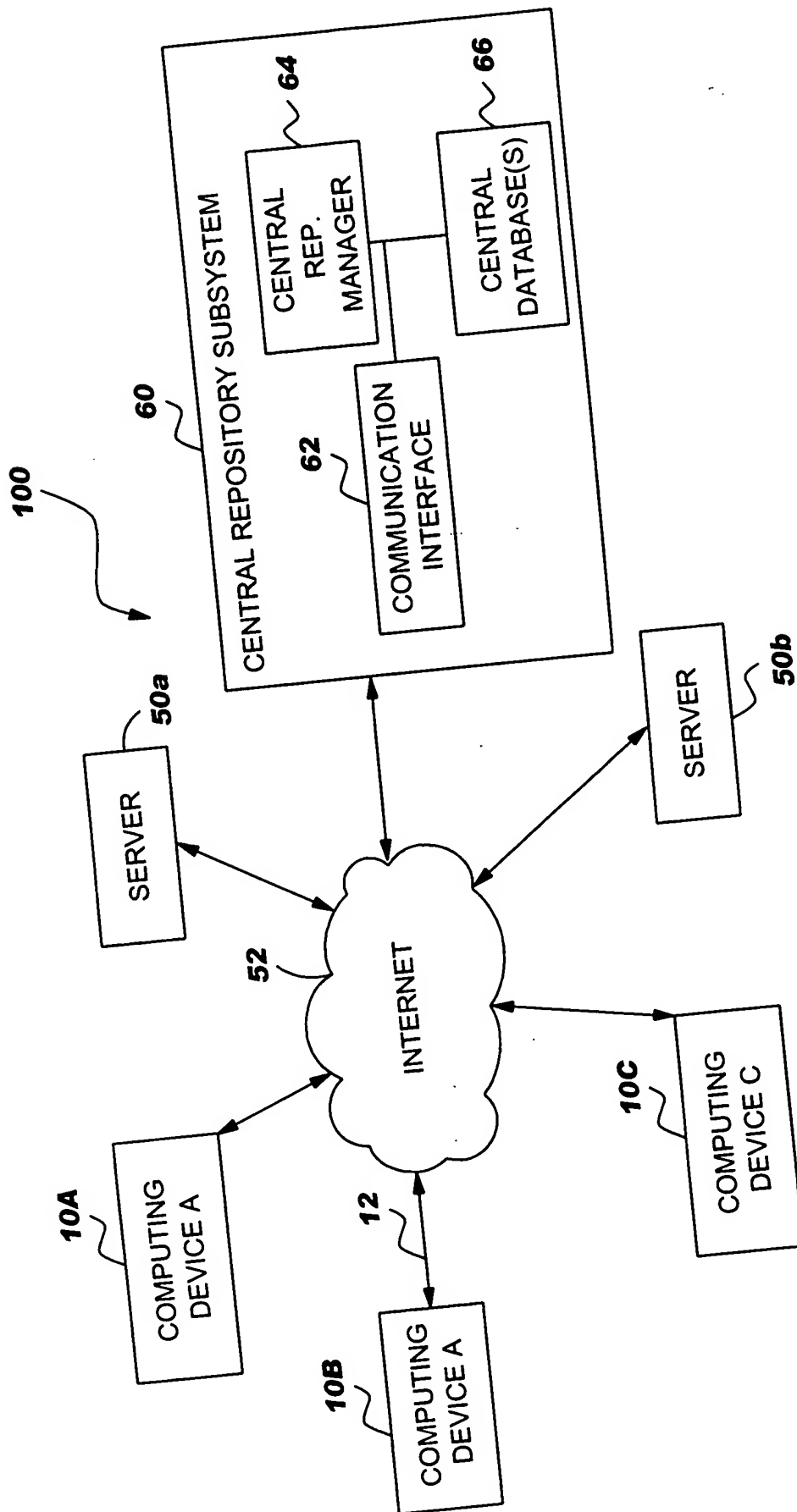


FIG. 2

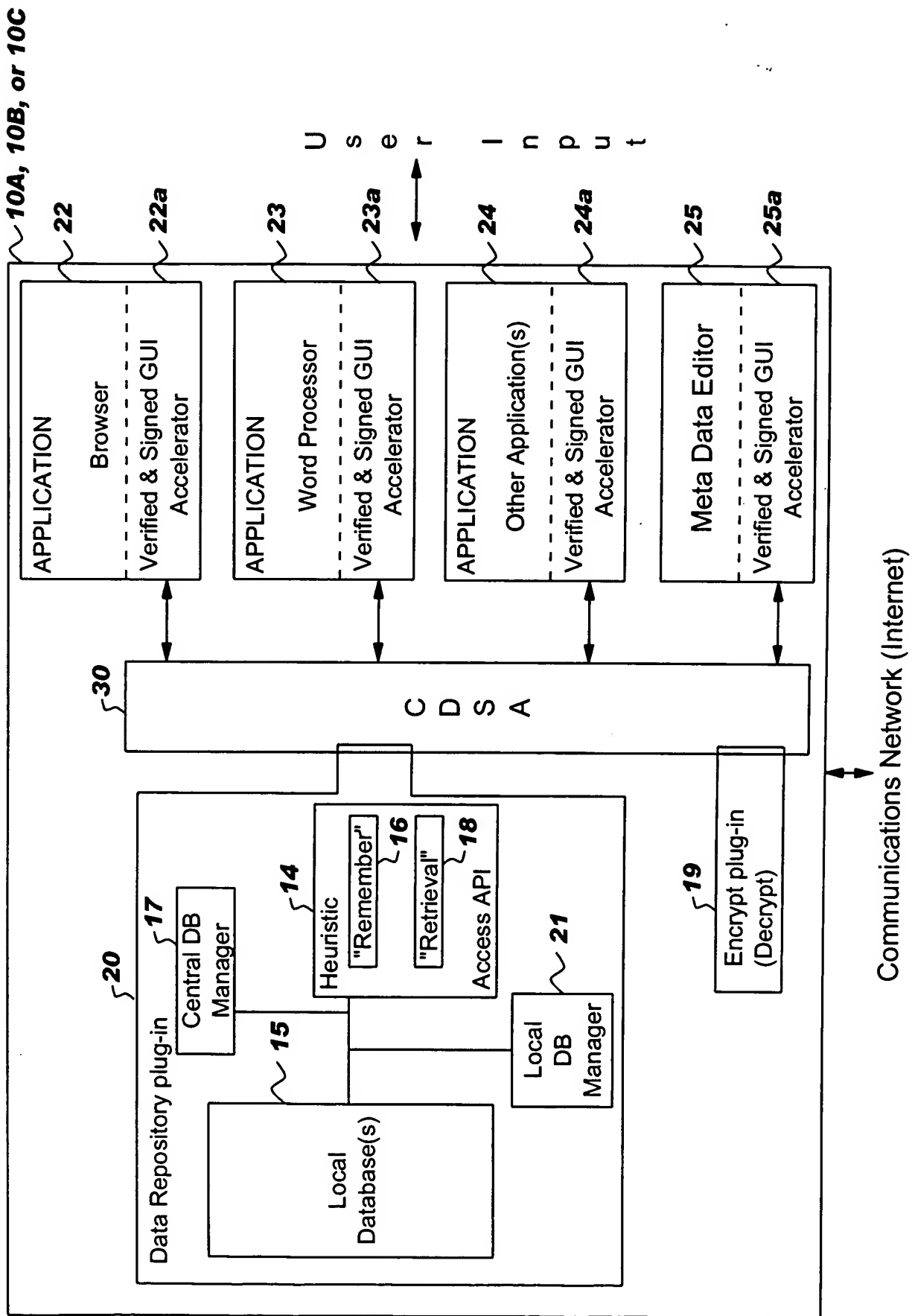


FIG. 3A

http://www.ibm.com

CUSTOMER INFORMATION

User ID  **41**

Pass Code  **42**

**43**

Submit

**40**

FIG. 3B

- 44** ~ (V, MPeters)  
(fieldname, euser)  
(descript, User ID)  
(form, customerinfo)  
**45** { (URL, <http://www.ibm.com>)  
(RefURL, <http://www.ibm.product.com>)  
(role, manager) } Meta Data Group A
- 46** ~ (V, 123)  
(fieldname, verification)  
(descript, Pass Code)  
(form, customerinfo)  
**47** { (URL, <http://www.ibm.com>)  
(RefURL, <http://www.ibm.product.com>)  
(role, manager) } Meta Data Group B
- ⋮

FIG. 4

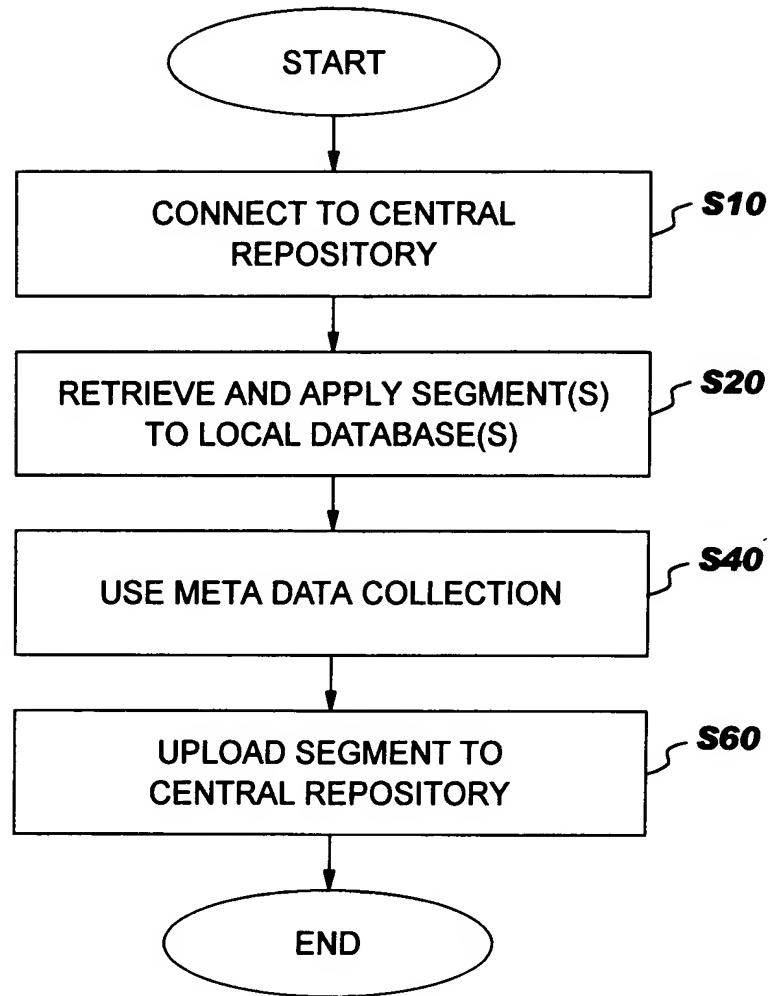


FIG. 5

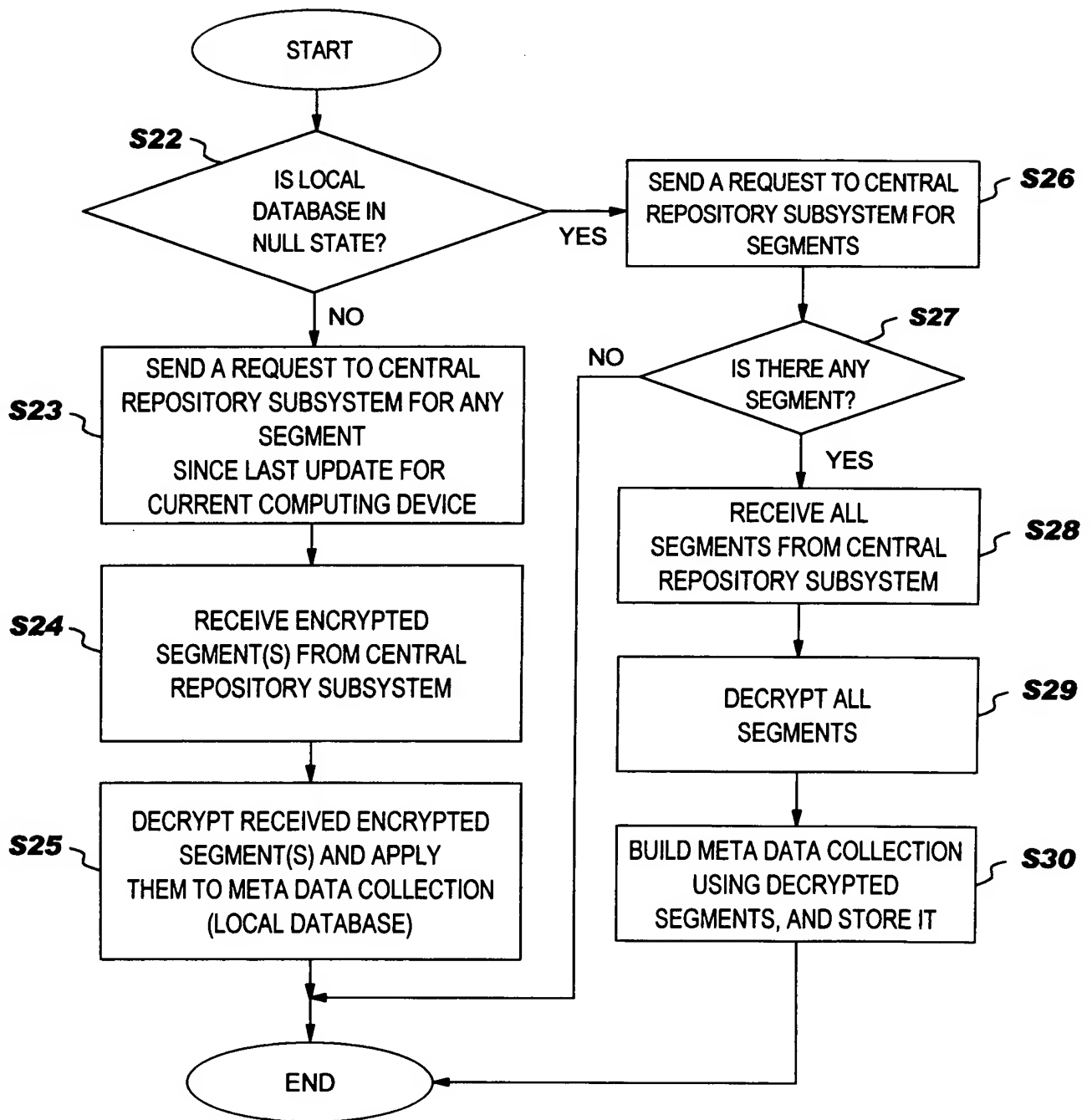


FIG. 6

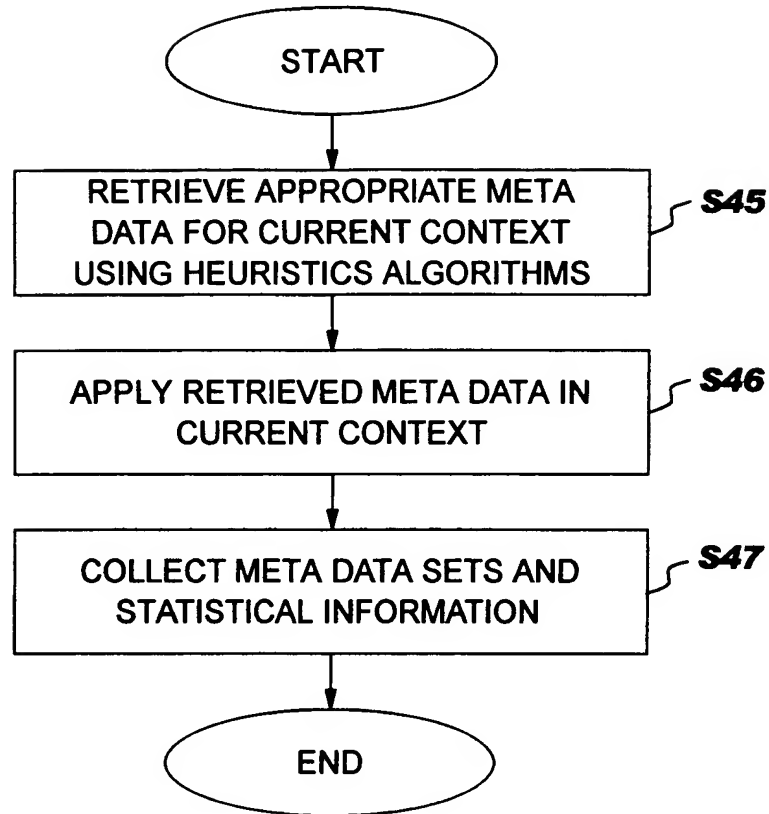


FIG. 7

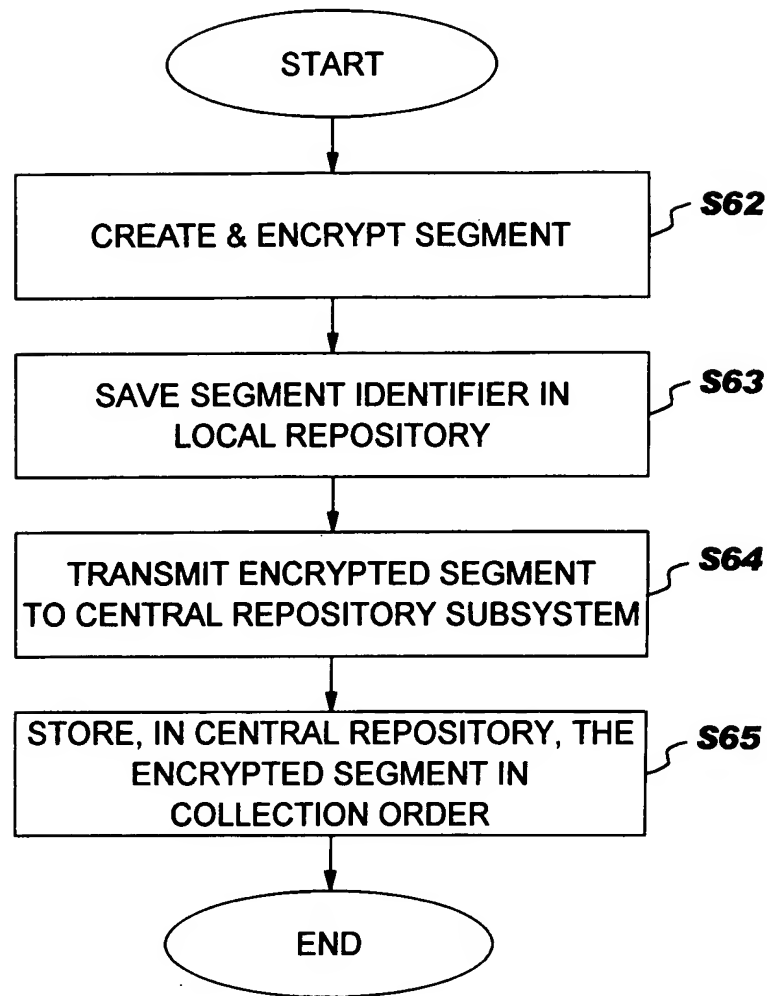


FIG. 8

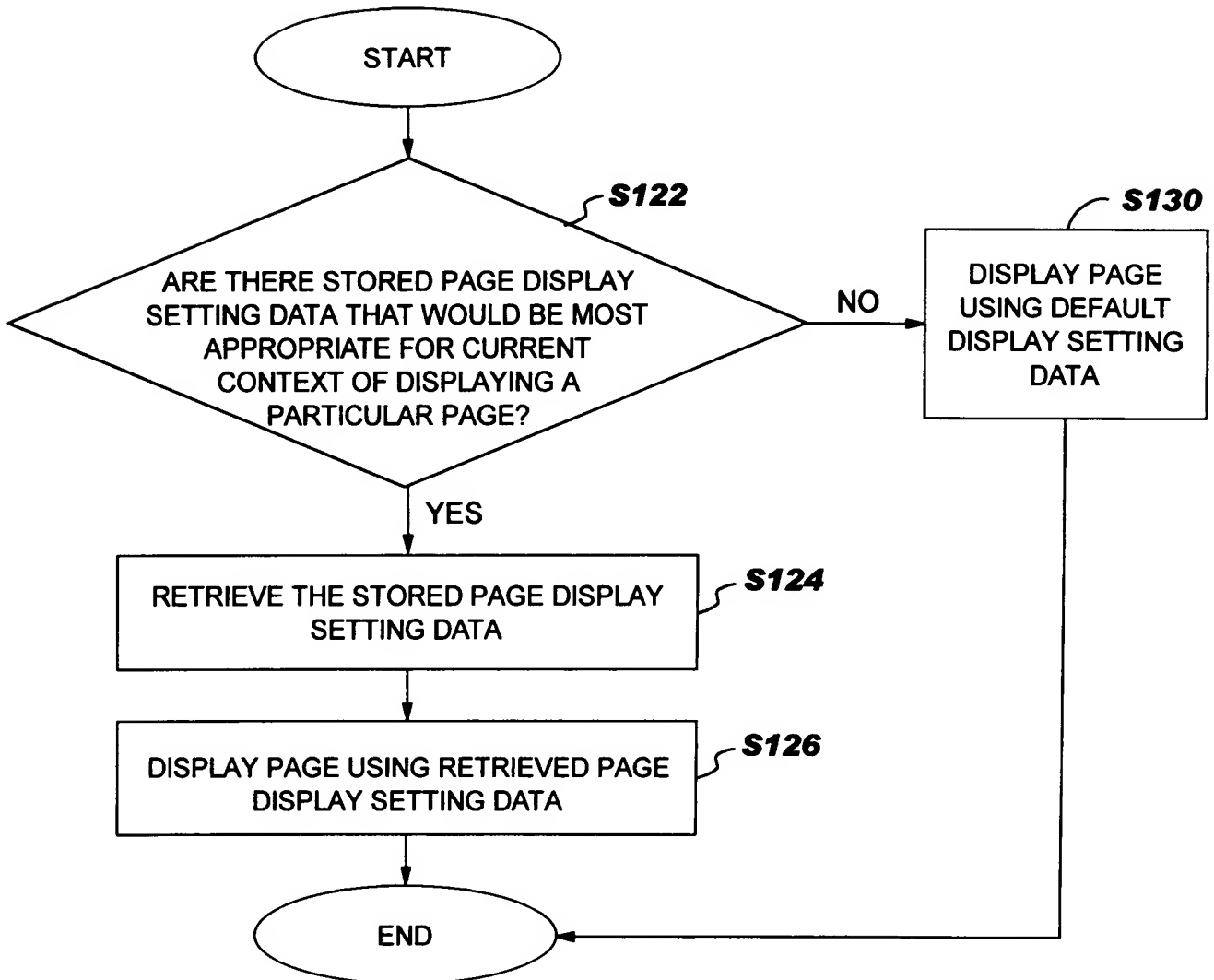




FIG. 9

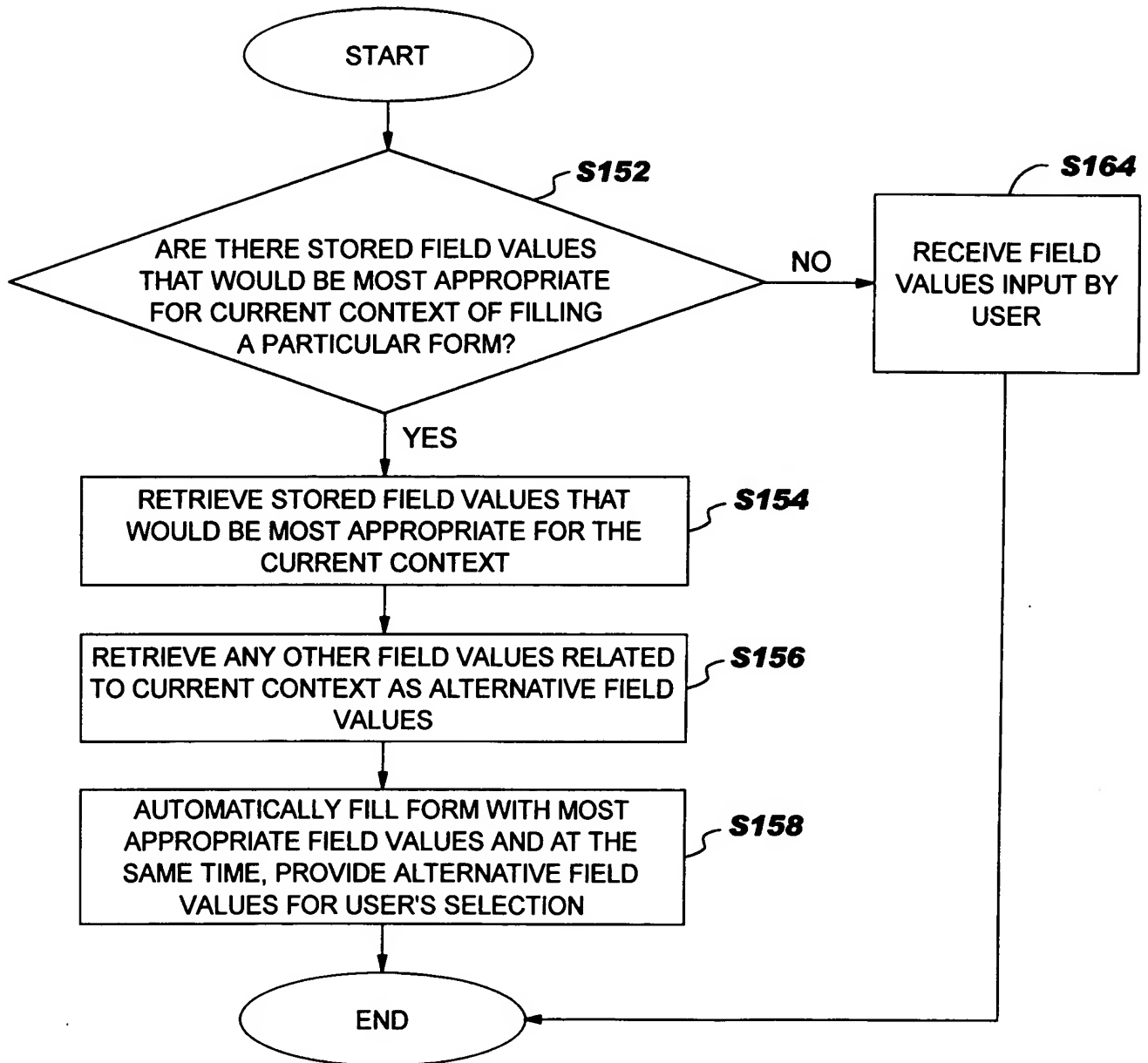


FIG. 10

